3rd Annual Cornell Dairy Center of Excellence Symposium presented in partnership with The David R. Atkinson Center for a Sustainable Future

**Sustainable Dairy Systems: Food, Energy, Water**

**February 22, 2018**
Lecture Hall I, College of Veterinary Medicine
Ithaca, NY

---

7:30 a.m.  **Registration Opens**
8:00 a.m.  **Welcome**
Lorin Warnick, Dean of College Veterinary Medicine

8:15 a.m.  **Keynote Address**
Donald Moore, Executive Director of Global Dairy Platform

9:20 a.m.  **Food Spotlight**
*Sustainability Choices and Impact at CHOBANI*
David Sheldon, Director of Environment, Health, Safety and Sustainability, CHOBANI
Roberta Osborne, Quality Manager for Milk and Animal Welfare, CHOBANI

10:15 a.m.  **Break**

10:30 a.m.  **Session I: Food**
*Environmental Sustainability, Food Security and Animal Food Production: Milk and Dairy as a Case Study*
Mike Van Amburgh, Professor, Department of Animal Science, College of Agriculture and Life Sciences

"At the Farm Nutrition" - Putting Science, Management and Reality Together
Corwin Holtz, Holtz Nelson Dairy Consultants

11:30 a.m.  **Student Talks**
Christine Georgekakos, Walter Lab
Alex Wright and Gary Miller, ClearCove Van Amburgh Lab

12:15 p.m.  **Lunch and Poster Session**

1:30 p.m.  **Session II: Water**
*Whole Farm Nutrient Mass Balances: Creating a Nutrient Sustainability Stamp for Dairies*
Quirine Ketterings, Professor, Department of Animal Science, College of
Agriculture and Life Sciences; Director, Cornell Nutrient Management Spear Program

Watershed Nutrient Management
Todd Walter, Professor, Department of Biological and Environmental Engineering, College of Agriculture and Life Sciences; Director, Water Resources Institute

Water and Energy Recovery from Process Wastewater: The Long Term Economics of Sustainability
Gary Miller, President and COO, ClearCove Systems

3:00 p.m. Break
3:15 p.m. Session III: Energy

Title TBD
Curt Gooch, Senior Extension Associate, Department of Animal Science, College of Agriculture and Life Sciences

Sustainable Waste Management Technologies: Manure and Food Waste as Energy and Nutrient Resources
Jefferson Tester, Croll Professor of Sustainable Energy Systems, Department of Chemical and Biomolecular Engineering, Earth and Atmospheric Sciences, College of Engineering

Microbial Fermentation of Acid Whey Waste into Bio-oil
Juan Guzman, Co-founder of Capro-X

4:45 p.m. Reception
6:00 p.m. Adjourn

Cornell Dairy Center of Excellence

DAVID R. ATKINSON CENTER for a Sustainable Future